Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
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September 10, 2026

NOTICE TO ALL CONTRACTORS:

Proposal #07:

2040-23-70, WISC 2026419
C Oak Creek, Ryan Road
STH 38 to Shepard Ave
STH 100
Milwaukee County

2060-20-70, WISC 2026420
Racine - Milwaukee
Oakwood Rd to Grange Ave
STH 38
Milwaukee County

Letting of September 15, 2026

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
65	Reseal Crushed Aggregate Slope Paving Special, Item SPV.0180.03

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 02

2040-23-70 & 2060-20-70

September 10, 2026

Special Provisions

65. Reseal Crushed Aggregate Slope Paving Special, Item SPV.0180.03.

Replace entire article language with the following:

A Description

This special provision describes the furnishing and application of a UV-resistant epoxy resin binder to the crushed aggregate with broadcast sand to increase surface friction, as the plans show, conforming to standard spec 604, and as follows.

B Materials

B.1 General

The epoxy resin binder shall be a 100% solids, low-modulus, medium-viscosity, two-component epoxy resin specifically formulated for long-term exterior exposure. The system shall utilize an aliphatic or cycloaliphatic curing mechanism and shall be UV-resistant without the need for a protective topcoat.

The epoxy resin binder shall exhibit resistance to ultraviolet degradation, including discoloration, chalking, and loss of physical properties associated with prolonged exterior exposure.

The cured epoxy resin binder shall be clear to light amber in appearance.

The contractor shall furnish product data sheets, technical information, and documentation demonstrating that the proposed material is intended for exterior UV-exposed applications and has been successfully used in similar aggregate binding, slope paving, erosion-control, or comparable infrastructure applications.

The epoxy resin binder shall be applied in accordance with the manufacturer's written recommendations for substrate preparation, placement conditions, mixing, application rates, and curing requirements.

B.2 Minimum Requirements

The epoxy resin binder shall be specifically manufactured and marketed for exterior UV-exposed service and shall meet the following minimum requirements:

- 100% solids formulation.
- Two-component epoxy system utilizing an aliphatic or cycloaliphatic curing agent.
- Suitable for exterior exposure without a protective topcoat.
- Capable of bonding and stabilizing the upper 2 inches of crushed aggregate slope paving as specified herein.
- Resistant to yellowing, chalking, cracking, and degradation resulting from prolonged ultraviolet exposure.

- Compatible with application by plural-component spray equipment with mixing occurring at the nozzle.

- Minimum elongation at break: 10 percent, ASTM D638.

- Maximum water absorption: 1.0 percent when tested in accordance with ASTM D570.

- Manufacturer-certified viscosity suitable for spray application and aggregate penetration at the specified application temperatures.

- Manufacturer's published technical data demonstrating suitability for long-term outdoor service.

The requirements of ASTM C881 and AASHTO M235 shall not apply unless the proposed product is specifically manufactured and qualified under those standards. Products that do not conform to ASTM C881 or AASHTO M235 may be accepted provided they meet the UV-resistance and performance requirements specified herein and are approved by the engineer.

C. Construction

C.1 Application

Before applying the binder, ensure that the application surface is clean, sound, dry to the manufacturer’s tolerance, and does not contain dust, grease, waxes, and any other contaminants. Uniformly apply the binder over the surface of the slope paving conforming to the manufacturer's directions, at a rate just sufficient to ensure penetration and binding of the stone in the upper 2 inches of the aggregate blanket.

Immediately, while the epoxy binder is still fluid, broadcast dry, clean sand to improve traction. After cure, remove loose sand so that the final surface is slip resistant. Sand may be substituted with another similar angular aggregate material at the approval or direction of the engineer.

Avoid excessive application of the binder material and exercise care to prevent run-off of such material. Protect the surface of the adjacent structure to prevent it from being splattered or discolored with binder material.

Application of the binder shall take place utilizing a two-part sprayer with mixing completed at the nozzle.

Apply and mix epoxy resin binder under dry conditions only. Do not apply if rain is expected within 8 hours following epoxy resin application to crushed aggregate.

Air and surface temperature should be between 50 and 90 degrees Fahrenheit during and for 24 hours following application and mixing of the epoxy resin binder.

Protect installed crushed aggregate with epoxy resin binder from excessive dust exposure for the first 4 hours of curing.

C.2 Test Section

Prior to placing slope paving, prepare a test section utilizing the proposed aggregate and epoxy resin binder so the engineer will be able to assess the adequacy of the product and the application and mixing methods to yield the desired results. Test section to be 3 feet x 3 feet and a minimum of 4-inches thick. Notify the engineer no less than 24 hours in advance of preparing the test section to allow them to arrange for witnessing the epoxy resin binder application and mixing with the aggregate. Test section shall be allowed to cure per the product manufacturer’s requirements before the engineer will accept the product for use on the final structures.

If the test section is not accepted, prepare another test section and repeat the process, using either a different aggregate or epoxy resin binder. Repeat this procedure until the engineer accepts the test section. Use the same aggregate and epoxy resin binder means and methods when installing the product under each structure that were used in preparing the accepted test section.

D Measurement

The department will measure Reseal Crushed Aggregate Slope Paving Special by the square yard in place acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.03	Reseal Crushed Aggregate Slope Paving Special	SY

Payment for Reseal Crushed Aggregate Slope Paving Special is full compensation for furnishing, mixing and applying the UV-resistant epoxy resin binder to the aggregate; for furnishing, broadcasting and removing excess sand; for cleaning any splatter of epoxy resin binder to adjacent pavement or structures; and for making and disposing of the test section.

END OF ADDENDUM